



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We make Indiana a cleaner, healthier place to live.*

Frank O'Bannon  
Governor

Lori F. Kaplan  
Commissioner

August 21, 2003

100 North Senate Avenue  
P. O. Box 6015  
Indianapolis, Indiana 46206-6015  
(317) 232-8603  
(800) 451-6027  
[www.IN.gov/idem](http://www.IN.gov/idem)

TO: Interested Parties / Applicant

RE: Woodmaster, Inc.  
037-16322-00071  
Chief, Permits Branch  
Office of Air Quality

## Notice of Decision: Section 112(j) Applicability Determination

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 4-21.5-3-5 (f) this order is effective fifteen (15) days after it is served. When served by U.S. mail, the order is effective three (3) calendar days from the mailing of this notice pursuant to IC 4-21.5-3-2(e).

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, ISTA Building, 150 W. Market Street, Suite 618, Indianapolis, IN 46204, **within (18) eighteen days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) the date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for consideration at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosure

112J DET.wpd 10/22/02



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Mr. Aaron Stetter  
Woodmaster, Inc.  
P.O. Box 127  
St. Anthony, IN 47575-0127

61-50 DW

Re: Response to Review Request No. 16322:  
Section 112(j) Applicability Determination  
Plant ID: 037-00071

Dear Mr. Stetter:

Woodmaster, Inc., located at 5170 South Third Street in St. Anthony, Indiana, submitted a request for an applicability determination regarding the requirements of Section 112(j) of the Clean Air Act (CAA) on May 16, 2002. The letter was submitted in accordance with 40 CFR 63.52(d)(1) and requested that the Indiana Department of Environmental Management, Office of Air Quality (IDEM, OAQ) determine if Woodmaster, Inc. is subject to the requirements of Section 112(j) (40 CFR 63.50 through 63.56) for the following source categories:

- Industrial, Commercial, & Institutional Boilers and Process Heaters; and
- Wood Building Products Surface Coating.

Pursuant to 40 CFR 63.50, the requirements of Section 112(j) will apply only if your entire source is a major source of hazardous air pollutants (HAPs) and one or more of your processes or emissions units belong in a category or subcategory for which the United States Environmental Protection Agency (U.S. EPA) has failed to promulgate an emission standard on or before the Section 112(j) deadline.

## MAJOR SOURCE DETERMINATION

The information submitted in the Part 1 MACT Application indicates that Woodmaster, Inc. is a major source of HAPs. In addition, the Title V permit for Woodmaster, Inc. (T037-7250-00071, issued on November 13, 1998) indicates that the source is a major source of HAPs. Since Woodmaster, Inc. is a major source of HAPs, IDEM, OAQ evaluated the source categories for which Woodmaster, Inc. requested an applicability determination.

## SOURCE CATEGORY DETERMINATION

### 1. **Industrial, Commercial, & Institutional Boilers and Process Heaters NESHAP**

IDEM, OAQ used the following information to determine if the twenty-one (21) natural gas-fired space heaters at Woodmaster, Inc. belong to the affected source category, Industrial, Commercial, & Institutional Boilers and Process Heaters:

- The Part 1 Maximum Achievable Control Technology (MACT) Application;
- The issued Title V permit for Woodmaster, Inc.;
- The proposed federal rule from the January 13, 2003 *Federal Register*; and
- Background information available at the U.S. EPA Air Toxics Website at <http://www.epa.gov/ttn/atw/boiler/boilerpg.html>.

There is no final MACT Standard for the Industrial, Commercial, & Institutional Boilers and Process Heaters source category. The proposed rule for this source category was published on January 13, 2003. Section 63.7490(b) of the proposed rule defines the affected source to which the Industrial, Commercial, and Institutional Boilers and Process Heaters MACT will apply as "each industrial, commercial, or institutional boiler or process heater, as defined in [40 CFR] 63.7485..."

The twenty-one space heaters at Woodmaster, Inc. are natural gas-fired. Eighteen of the units are rated at 200,000 British thermal units per hour (mmBtu/hr) heat input, and three are rated at 136,000 Btu/hr heat input. The primary purpose of the space heaters is to heat the ambient plant air in the winter. The definition of "industrial, commercial, or institutional boiler" provided in 40 CFR 63.7485(a) is: "...an enclosed device using controlled flame combustion and having the primary purpose of recovering thermal energy in the form of steam or hot water." The space heaters are not boilers because they do not have the primary purpose of recovering thermal energy in the form of steam or hot water.

The definition of "process heater" provided in 40 CFR 63.7485(a) is: "... an enclosed device using controlled flame with the unit's primary purpose being to transfer heat indirectly to process streams (liquids, gases, or solids), instead of generating steam." The process operations at Woodmaster, Inc. are conducted at ambient temperature. Since the main purpose of the space heaters is not to transfer heat indirectly to a process stream or to a heat transfer material for use in a process unit, the space heaters are not process heaters. Therefore, the space heaters are not an "affected source" as defined by the proposed MACT.

Pursuant to 40 CFR 63.52(e)(2)(i), based on the information available at this time, IDEM, OAQ has determined that the twenty-one (21) natural gas-fired space heaters at Woodmaster, Inc. do not belong to the affected source category, Industrial, Commercial, & Institutional Boilers and Process Heaters. Woodmaster, Inc. will not be required to submit a Part 2 MACT Application in accordance with 40 CFR 63.53(b) for this affected source category. If Woodmaster, Inc. is subject to Section 112(j) for any other source categories, Woodmaster, Inc. shall submit a Part 2 MACT Application for those source categories.

## 2. **Wood Building Products Surface Coating NESHAP**

IDEM, OAQ used the following information to determine if the spray booths at Woodmaster, Inc. belong to the affected source category, Wood Building Products Surface Coating:

- The Part 1 Maximum Achievable Control Technology (MACT) Application;
- The issued Title V permit for Woodmaster, Inc.;
- The proposed federal rule from the June 21, 2002 *Federal Register*; and
- Background information available at the U.S. EPA Air Toxics Website at <http://www.epa.gov/ttn/atw/wbldg/wbldgpgg.html>.

There is no final MACT Standard for the Wood Building Products Surface Coating source category. The proposed rule for this source category was published on June 21, 2002. Section 63.4682(a) of the proposed rule for the Wood Building Products Surface Coating NESHAP indicates that this subpart applies to surface coating of wood building products, which means the application of coatings using, for example, roll coaters or curtain coaters in the finishing or laminating of any wood building product that contains more than 50 percent by weight wood or wood fibers and is used in the construction, either interior or exterior, of a residential, commercial, or institutional building. Additionally, Section 63.4682(c)(2) of the proposed MACT standard indicates that this subpart will not apply to surface coating of wood furniture that is also subject to 40 CFR Part 63, Subpart JJ, including finishing, gluing, cleaning, and washoff operations associated with the production of wood furniture or wood furniture components.

Since the spray booths at Woodmaster, Inc. are subject to 40 CFR Part 63, Subpart JJ, it is reasonable to assume that these spray booths will not be subject to the Wood Building Products Surface Coating NESHAP.

Pursuant to 40 CFR 63.52(e)(2)(i), based on the information available at this time, IDEM, OAQ has determined that the spray booths at Woodmaster, Inc. do not belong to the affected source category, Wood Building Products Surface Coating. Woodmaster, Inc. will not be required to submit a Part 2 MACT Application in accordance with 40 CFR 63.53(b) for this affected source category. If Woodmaster, Inc. is subject to Section 112(j) for any other source categories, Woodmaster, Inc. shall submit a Part 2 MACT Application for those source categories.

If U.S. EPA promulgates a final MACT standard prior to IDEM, OAQ issuing a permit containing the Section 112(j) determination requirements, a source is no longer subject to Section 112(j) for that source category, including the requirement to submit a Section 112(j) Part 2 MACT Application. A source is still subject to Section 112(j) for any other source categories that do not have promulgated MACT standards.

This determination is based on the information provided by Woodmaster, Inc., IDEM, OAQ records, and the information currently available from the U.S. EPA. Note that if additional equipment or capacity is added or operational practices are changed (e.g., switching solvents from a solvent that contains no HAPs to a solvent containing HAPs), the Section 112(j) requirements may be triggered in accordance with 40 CFR 63.52(b). If the events described in 40 CFR 63.52(b) occur at the source, Woodmaster, Inc. shall submit a Part 1 MACT Application in accordance with the requirements and schedule contained in 40 CFR 63.52(b).

Questions should be directed to Kim Cottrell or Rebecca Mason, IDEM, OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, or call (800) 451-6027, and ask for Kim Cottrell at extension 3-0870 or Rebecca Mason at extension 3-9664, or dial (317) 233-0870 or (317) 233-9664.

Sincerely,

Original signed by  
Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Quality

KLC/RM

CC: File – Dubois County  
Dubois County Health Department  
Air Compliance – Gene Kelso  
Air Permits – Duane VanLaningham and Meteorological Evaluation Services  
Southwest Regional Office  
Administration Section  
U.S. EPA Region V – Genevieve Damico